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PATENT  
ATTORNEY DOCKET NO. DIVER1230-1  
(09010/045001)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mathur et al.  
Serial No.: 09/202,681  
Filed: December 23, 1999  
Title: THERMOSTABLE PHOSPHATASES

Art Unit: 1652  
Examiner R. Hutson

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MAY 31 2001

TECH CENTER 1600,2900

Commissioner for PATENTS  
Washington, D.C. 20231

RESPONSE TO OFFICE ACTION

Sir:

Responsive to the Office Action mailed April 24, 2001 in the above-identified application, entry of the amendments and consideration of the following remarks are respectfully requested.

In the Claims

Please enter the following rewritten claims:

1. (Amended) An isolated polynucleotide selected from the group consisting of:
- (a) a polynucleotide encoding a thermostable phosphatase comprising an amino acid sequence as set forth in SEQ ID NO:28;
  - (b) a polynucleotide which is complementary to the polynucleotide of (a); and
  - (c) a polynucleotide comprising at least 15 contiguous bases of the polynucleotide of (a); wherein the polynucleotide encodes a polypeptide having activity as a thermostable phosphatase.